

Total No. of Questions : 8]

P-7550

SEAT No. :

[Total No. Of Pages : 2

[6180]-58

**T.E. (Computer/A.I & D.S)
CLOUD COMPUTING**

(2019 Pattern) (Semester - II) (310254 C) (Elective - II)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates :

- 1) *Answer Q. 1 or Q. 2, Q. 3 or Q. 4, Q. 5 or Q. 6, Q. 7 or Q. 8.*
- 2) *Neat diagrams must be drawn wherever necessary.*
- 3) *Figures to the right indicate full marks.*
- 4) *Assume suitable data, if necessary.*

Q1) a) Explain virtual clustering in cloud computing? [9]

b) Describe the importance of hypervisor in cloud computing? Differentiate Type I and Type 2 hypervisor? [8]

OR

Q2) a) Compare grid computing and cloud computing? [9]

b) Define virtualization? Describe the advantages and disadvantages of Virtualization? [8]

Q3) a) Draw & explain the working of Amazon simple storage service(S3)? [9]

b) Describe the different steps for configuring Amazon EC2 VM instance? [8]

OR

Q4) a) Enlist an applications of cloud computing in different Area? Describe any two applications? [8]

b) Identify the different components of AWS? [9]

P.T.O.

Q5) a) Explain the different Cloud Security Services in detail? [9]
b) State the use of Content Level Security (CLS)? [9]

OR

Q6) a) What are the different types of testing in cloud computing? Explain briefly? [9]
b) Analyze the different types of security risk involved in cloud computing? [9]

Q7) a) Draw & Explain client - server architecture of docker? [9]
b) Explain Multimedia Cloud in detail? [9]

OR

Q8) a) Differentiate between Distributed Cloud Computing Vs Edge Computing? [9]
b) Describe the concept of DevOps in detail? [9]